

**ABSTRACT OF THE DISCLOSURE**

A technique for prefix limit exchange for route advertisement is disclosed. In one particular exemplary embodiment, the technique may be realized as a method for prefix limit exchange for route advertisement. The method comprises communicating a prefix limit from a first element to a second element, wherein the first element and the second element are routing neighbors in a network. The method also comprises advertising a plurality of routes from the second element to the first element. The method further comprises recording, at the second element, a number of the plurality of routes that the second element has advertised to the first element. The method additionally comprises suspending route advertisement from the second element to the first element when the number is the same as or greater than the prefix limit.